



Titalon 1300GF-FR

RESIN : POLYAMIDE 6 RESIN

PRODUCT DESCRIPTION : 30%GLASS FIBER REINFORCED, FLAME RETARDANT,
FREE HALOGEN.

COLOR No.: VN01

Properties	Unit	method	Value
Color	-	-	Natural
specific gravity	g/cm ³	ISO 1183	1.41
Tensile strength	MPa	ISO	140
Tensile Elongation		527-1,2	>2
Flexural strength	MPa	ISO 178	230
Flexural modulus			9500
Charpy impact strength(notched)	kJ/m ²	ISO	10
		179/1eA	
Heat Deflection Temperature (1.8MPa)	°C	ISO 75-1,2	200
Volume resistivity	Ω•cm	IEC 60093	1×10 ¹⁴
Surface resistivity	Ω		1×10 ¹⁴
Flammability		UL 94	V0 (1.5mm)
Hardness	D	ISO7619	85
Mold shrinkage	%	50x80x3 mmt	0.4~0.8
MOLDING CONDITION			
MOLDING CONDITION	°C	Drying	100x 4Hrs
		Melt Temperature	230~260
		Mold Temperature	80~100
	%	Inject. Pressure	30~70
		Inject. Velocity	30~60

*All property values shown in this data sheet are the representative values and not minimum value of this material.